

353d Special Operations Group

"Cavette Cattam"



353d Operations Support Squadron Weather Flight

Kadena AB, Okinawa, Japan



**Capt Lindsey Fennewald
Flight Commander
1 May 09**

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Overview



- **Mission**
- **Customers**
- **Flying Mission**
- **Special Tactics**
- **Manning**
- **Deployments**
- **Equipment**
- **Typhoon Considerations**
- **Typhoon Response Sequence**
- **Our Involvement**





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Mission



- **Provide tailored environmental support to special operations forces in support of SOCPAC objectives anytime, anywhere**
 - **Forecast weather for all supported flight operations**
 - **Conduct observing operations while deployed to austere locations**
 - **Alert deployed personnel on impacting weather through watch, warning and advisory support**





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Customers



- **353d Special Operations Group**
 - **1st Special Operations Squadron**
 - **17th Special Operations Squadron**
 - **353d Maintenance Squadron**
 - **320th Special Tactics Squadron**
- **Joint Special Operations Air Component**
- **160th Special Operations Aviation Regiment**





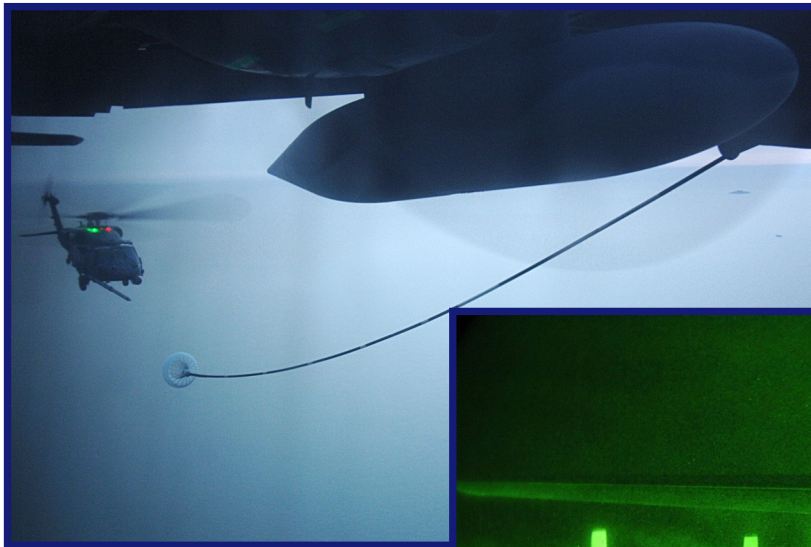
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Flying Missions



■ **1 SOS**

- **MC-130H Combat Talon II**
- **Infiltration, exfiltration and resupply of SOF**
- **NVG Low Level**



■ **17 SOS**

- **MC-130P Combat Shadow**
- **Formation aerial refueling of SOF helos**
- **Infiltration, exfiltration and resupply of SOF**
- **NVG Low Level**





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Special Tactics



- **Fast reaction deployable CCTs, PJs, & SOW-Ts**
- **Infil/exfil by HALO, HAHO, scuba/small boat or any means needed to complete mission**





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Manning



■ 353 OSS/OSW (Authorized/Assigned: 8/7)

■ TDY Days

■ 2001 Total:	457
■ 2002 Total:	803
■ 2003 Total:	465
■ 2004 Total:	559
■ 2005 Total:	480
■ 2006 Total:	507
■ 2007 Total:	517
■ 2008 Total:	510
■ 2009 So Far:	150





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Deployments



- Australia
- Indonesia
- Bangladesh
- Guam
- Korea
- Japan
- Malaysia
- Singapore
- Philippines
- Thailand
- India





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Equipment



- Ellason Tactical Weather Radar
- MOD III Satellite Imagery Receiver
- TMQ-53
- MW31 Upper Air Sounding System
- Lightning Detectors
- Kestral & Davis Instrument





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Typhoon Considerations



- **Crosswinds \geq 25 Kts (wet runway) & \geq 35 Kts (dry runway)**
- **Theater response capability**
 - **Alert support units**
 - **Coordination is time intensive**
- **Safe haven locations**
 - **Support structure available**
 - **Storm Track**
- **Aircraft status and availability**
 - **Current location**
 - **Crew rest**
 - **Number deploying drives MXS requirements**



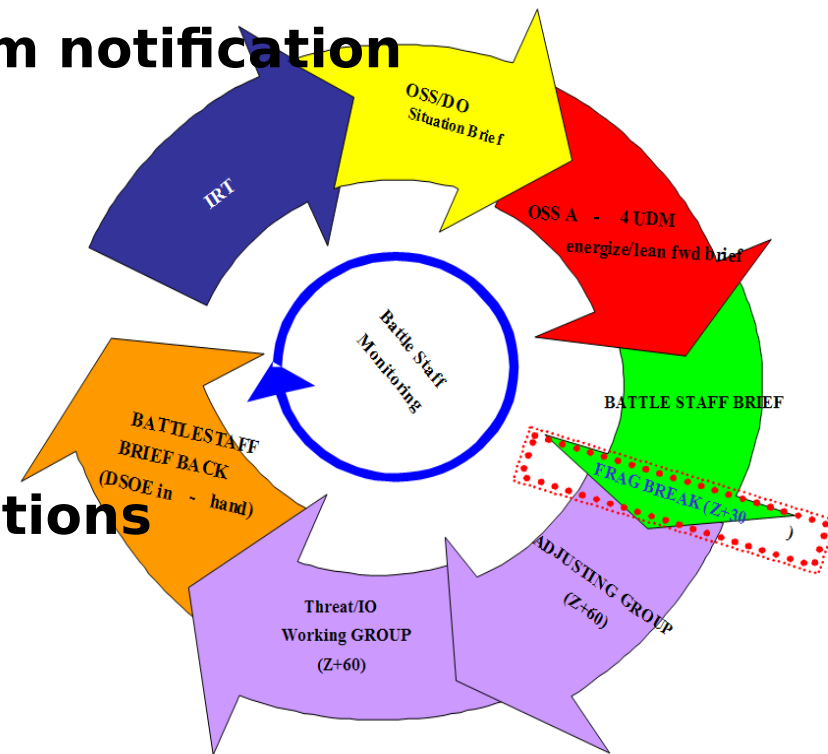


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Typhoon Response Sequence



- **METWATCH/METCON**
- **Heightened awareness**
- **CC directs Initial Response Team notification**
 - **Current situation**
 - **Considerations/Safe Havens**
 - **UDM's energized**
 - **Canned packages**
 - **Packages tailored**
 - **CC determines timelines/locations**
- **18 WG "Strike" Meeting**
 - **Drives TCCOR change**
 - **Hanger space/deployment**
- **Commander's backbrief**





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Our Involvement



- Involved with every step of the typhoon response sequence
 - Timely and accurate updates
 - Drive the commander to an evacuation decision
 - Coordination for follow-on weather support
 - Redeployment timelines
 - Earliest possible time
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- Typhoon Evacuations 2006
 - 13 Typhoon evacs to 6 different countries
 - Typhoon Evacuations 2007
 - 4 Typhoon evacs to 2 different countries





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Questions?